Customer Information Sheet

DRAWING No.: M80-706XXXXX	SHEET 2 OF 2	IF IN DOUBT - ASK	©	NOT TO SCALE	THIRD ANGLE PROJECTION	ALL DIMENSIONS IN mm

SPECIFICATIONS:
MATERIALS:
- MOULDING = POLYAMIDE 46 UL94V-0
- CONTACT CLIP = BERYLLIUM COPPER
- CONTACT SHELL = BRASS

FINISH (ALL OVER NICKEL):
- 01 = 3.5 - 5.0µ 100% TIN BODY, 0.30µ GOLD CLIP
- 05 = 0.25 - 0.30µ GOLD BODY, 0.30µ GOLD CLIP

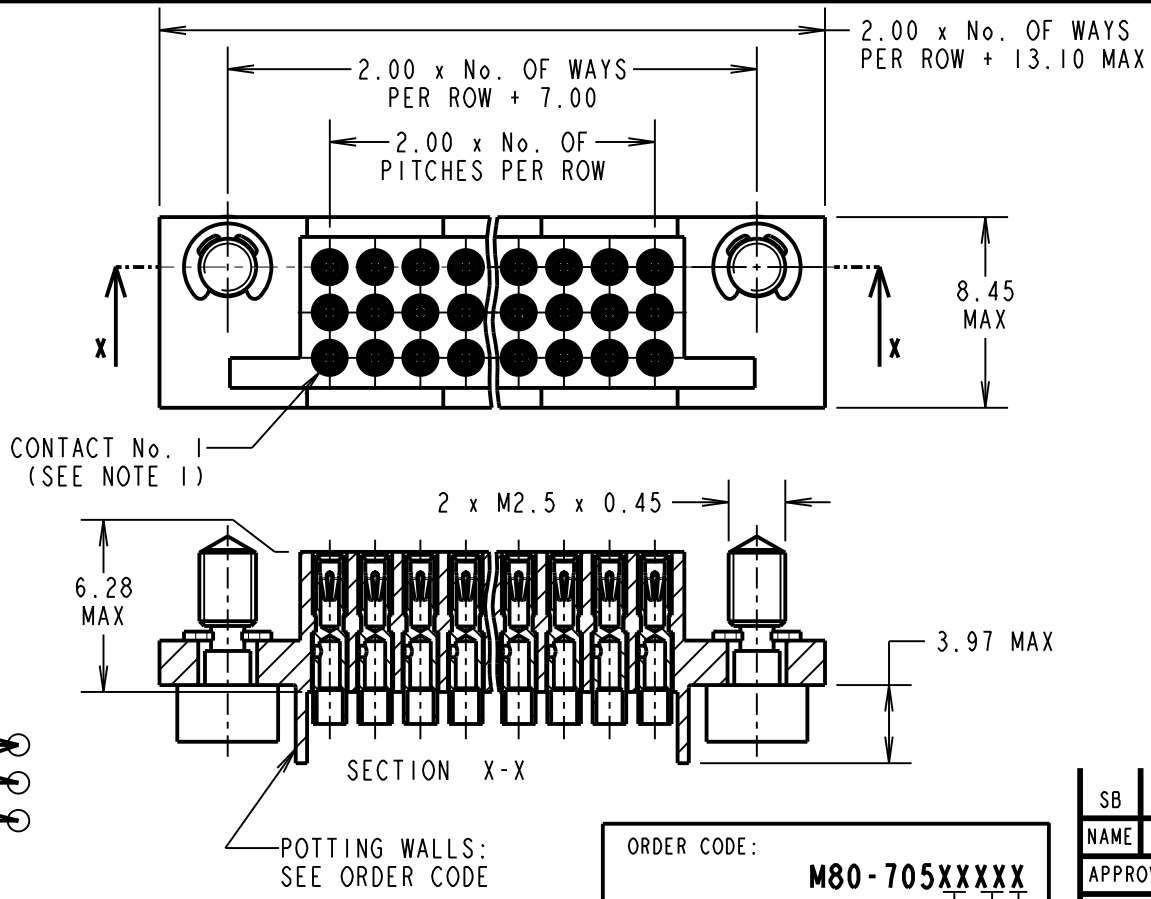
ELECTRICAL:
- CURRENT RATING AT 25°C = 3.0A MAX
- CURRENT RATING AT 85°C = 2.2A MAX
- VOLTAGE PROOF = 360V AC/DC
- CONTACT RESISTANCE:
  - INITIAL = 20mΩ MAX
  - AFTER CONDITIONING = 25mΩ MAX
- INSULATION RESISTANCE:
  - INITIAL = 1000MΩ MIN
  - AFTER CONDITIONING = 100MΩ MIN

MECHANICAL:
- DURABILITY = 500 OPERATIONS
- INSERTION FORCE = 2.8N MAX, 1.0N MIN
- WITHDRAWAL FORCE = 1.8N MAX, 0.2N MIN

ENVIRONMENTAL:
- TEMPERATURE RANGE = -55°C TO +125°C

PACKING:
- TRAYS

FOR COMPLETE SPECIFICATION, SEE
COMPONENT SPECIFICATION C017XX (LATEST ISSUE)





NOTES:
1. FROM No. 1 POSITION, CONTACTS NUMBERED IN SEQUENCE FROM LEFT TO RIGHT AND FROM BOTTOM ROW TO TOP ROW.
2. RECOMMENDED WIRE TYPE = BS 3G 210 TYPE A, PTFE INSULATED, MAX INSULATION DIAMETER = Ø1.10mm. STRIP WIRE BY 2.00mm.
3. RECOMMENDED HAND CRIMP TOOL = M22520/2-01 WITH POSITIONER T5747. REFER TO TOOLING INSTRUCTION SHEET IS-01 FOR COMPLETE CRIMPING INSTRUCTIONS.
4. CONTACT INSERTION AND EXTRACTION TOOL = Z80-280. REFER TO TOOLING INSTRUCTION SHEET IS-25 FOR ASSEMBLY INSTRUCTIONS.
5. CONNECTOR SUPPLIED WITH CONTACTS LOOSE.

ORDER CODE: **M80-705XXXXX**
- TOTAL No. OF CONTACTS 27, 36, 45, 51, 63
- FINISH: 05 - GOLD BODY, GOLD CLIP
- POTTING WALLS: BLANK - POTTING WALLS; A = REMOVE POTTING WALLS

SB	9	17.02.12	11650
NAME	ISS.	DATE	C/NOTE

APPROVED: S.BENNETT
CHECKED: S.FLOWER
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CUSTOMER REF.:
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TOLERANCES
X. = ±1mm
X.X = ±0.25mm
X.XX = ±0.10mm
X.XXX = ±0.01mm
ANGLES = ±5°
UNLESS STATED

MATERIAL: SEE ABOVE
FINISH: SEE ABOVE
S/AREA: mm²

TITLE: 3-ROW DATAMATE FEMALE CRIMP SOCKET ASSY (LARGE BORE) + JACKSCREWS

DRAWING NUMBER: M80-706XXXXX

SHT 2 OF 2